

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



<b>APPLICATION FOR PERMIT TO DRILL</b>						<b>1. WELL NAME and NUMBER</b> North Alger 27-31D			
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES			
<b>4. TYPE OF WELL</b> Gas Well Coalbed Methane Well: NO						<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b> NORTH ALGER			
<b>6. NAME OF OPERATOR</b> KOCH EXPLORATION COMPANY LLC						<b>7. OPERATOR PHONE</b> 303 325-2562			
<b>8. ADDRESS OF OPERATOR</b> 950 17th Street, Suite 1900, Denver, CO, 80202						<b>9. OPERATOR E-MAIL</b> howard4d@kochind.com			
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU49518			<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>			
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>						<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>			
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>			<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2114 FSL 1286 FWL	NWSW	27	10.0 S	19.0 E	S
Top of Uppermost Producing Zone	2310 FSL 2310 FWL	NESW	27	10.0 S	19.0 E	S
At Total Depth	2310 FSL 2310 FWL	NESW	27	10.0 S	19.0 E	S

<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 1286		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 640	
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 15		<b>26. PROPOSED DEPTH</b> MD: 10456 TVD: 10300	
<b>27. ELEVATION - GROUND LEVEL</b> 5223		<b>28. BOND NUMBER</b> COB000296		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> 49-2231, 43-8496, 49-1645, 49-2375	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
SURF	12.25	8.625	0 - 2500	32.0	J-55 LT&C	8.5	Type V	301	3.82	11.0
							Class G	250	1.15	15.8
PROD	7.875	4.5	0 - 10456	11.6	L-80 LT&C	13.0	Premium Lite High Strength	326	1.79	12.0
							Premium Lite High Strength	1943	1.27	13.5

**ATTACHMENTS**

**VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES**

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

<b>NAME</b> Theron Hoedel		<b>TITLE</b> Operations Engineer		<b>PHONE</b> 303 325-2565	
<b>SIGNATURE</b>		<b>DATE</b> 02/10/2015		<b>EMAIL</b> theron.hoedel@kochind.com	
<b>API NUMBER ASSIGNED</b> 43047552540000		<b>APPROVAL</b> <div style="text-align: center;">                       Permit Manager                 </div>			

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